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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/142,471A

DATE: 04/11/2000  
TIME: 13:21:07

Input Set: I142471A.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

#13 EA  
5/5/00  
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1  <110> APPLICANT: ROEWKAMP, Walter
2      ROSE-JOHN, Stefan
3  <120> TITLE OF INVENTION: CONJUGATE FOR MODIFYING INTERACTIONS BETWEEN PROTEINS
4  <130> FILE REFERENCE: 012627-009
5  <140> CURRENT APPLICATION NUMBER: US/09/142,471A
6  <141> CURRENT FILING DATE: 1998-11-04
7  <150> EARLIER APPLICATION NUMBER: PCT/DE97/00458
8  <151> EARLIER FILING DATE: 1997-03-07
9  <150> EARLIER APPLICATION NUMBER: DE 196 08 813.5
10 <151> EARLIER FILING DATE: 1996-03-07
11 <160> NUMBER OF SEQ ID NOS: 13
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13 <210> SEQ ID NO 1
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19 <222> LOCATION: (34)..(90)
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26 <220> FEATURE:
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29     affinity.
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35     Leu Leu Ala Ala Leu Leu Ala Ala Pro Gly Ala Ala Leu Ala Pro Arg
36     -10 -5 -1 1
37     cgc tgc cct gcg cag gag gtg gca aga ggc gtg ctg acc agt ctg cca 150
38     Arg Cys Pro Ala Gln Glu Val Ala Arg Gly Val Leu Thr Ser Leu Pro
39     5 10 15 20
40     gga gac agc gtg act ctg acc tgc ccg ggg gta gag ccg gaa gac aat 198
41     Gly Asp Ser Val Thr Leu Thr Cys Pro Gly Val Glu Pro Glu Asp Asn
42     25 30 35
43     gcc act gtt cac tgg gtg ctc agg aag ccg gct gca ggc tcc cac ccc 246
44     Ala Thr Val His Trp Val Leu Arg Lys Pro Ala Ala Gly Ser His Pro

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50	Leu	His	Asp	Ser	Gly	Asn	Tyr	Ser
51		70			75			80
52	ggg	act	gtg	cac	ttg	ctg	gtg	gat
53	Gly	Thr	Val	His	Leu	Leu	Val	Asp
54		85			90			95
55	tcc	tgc	ttc	cgg	aag	agc	ccc	ctc
56	Ser	Cys	Phe	Arg	Lys	Ser	Pro	Leu
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59	Pro	Arg	Ser	Thr	Pro	Ser	Leu	Thr
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61	aag	ttt	cag	aac	agt	ccg	gcc	gaa
62	Lys	Phe	Gln	Asn	Ser	Pro	Ala	Glu
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64	tcc	cag	gag	tcc	cag	aag	ttc	tcc
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86	His	Asp	Ala	Trp	Ser	Gly	Leu	Arg
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88	gag	gag	ttc	ggg	caa	ggc	gag	tgg
89	Glu	Glu	Phe	Gly	Gln	Gly	Glu	Trp
90				280				285
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92	Gly	Thr	Pro	Trp	Thr	Glu	Ser	Arg
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94	ggg	tct	gga	ggg	gga	ggg	tct	gga

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100     ctc acc tct tca gaa cga att gac aaa caa att cgg tac atc ctc gac      1158
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103     ggc atc tca gcc ctg aga aag gag aca tgt aac aag agt aac atg tgt      1206
104     Gly Ile Ser Ala Leu Arg Lys Glu Thr Cys Asn Lys Ser Asn Met Cys
105          360                      365                      370
106     gaa agc agc aaa gag gca ctg gca gaa aac aac ctg aac ctt cca aag      1254
107     Glu Ser Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu Asn Leu Pro Lys
108          375                      380                      385
109     atg gct gaa aaa gat gga tgc ttc caa tct gga ttc aat gag gag act      1302
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112     tgc ctg gtg aaa atc atc act ggt ctt ttg gag ttt gag gta tac cta      1350
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118     gtg cag atg agt aca aaa gtc ctg atc cag ttc ctg cag aaa aag gca      1446
119     Val Gln Met Ser Thr Lys Val Leu Ile Gln Phe Leu Gln Lys Lys Ala
120          440                      445                      450
121     aag aat cta gat gca ata acc acc cct gac cca acc aca aat gcc agc      1494
122     Lys Asn Leu Asp Ala Ile Thr Thr Pro Asp Pro Thr Thr Asn Ala Ser
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124     ctg ctg acg aag ctg cag gca cag aac cag tgg ctg cag gac atg aca      1542
125     Leu Leu Thr Lys Leu Gln Ala Gln Asn Gln Trp Leu Gln Asp Met Thr
126     470                      475                      480
127     act cat ctc att ctg cgc agc ttt aag gag ttc ctg cag tcc agc ctg      1590
128     Thr His Leu Ile Leu Arg Ser Phe Lys Glu Phe Leu Gln Ser Ser Leu
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152	Leu	Leu	Leu	Arg	Ser	Val	Gln	Leu	His	Asp	Ser	Gly	Asn	Tyr
153				65					70				75	
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155			80					85					90	
156	Pro	Pro	Glu	Glu	Pro	Gln	Leu	Ser	Cys	Phe	Arg	Lys	Ser	Pro
157		95					100					105		
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159		110					115				120			125
160	Lys	Ala	Val	Leu	Leu	Val	Arg	Lys	Phe	Gln	Asn	Ser	Pro	Ala
161					130					135				140
162	Phe	Gln	Glu	Pro	Cys	Gln	Tyr	Ser	Gln	Glu	Ser	Gln	Lys	Phe
163				145					150				155	
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165			160					165					170	
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187		335					340					345		
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200  Gln Phe Leu Gln Lys Lys Ala Lys Asn Leu Asp Ala Ile Thr Thr Pro
201          450          455          460
202  Asp Pro Thr Thr Asn Ala Ser Leu Leu Thr Lys Leu Gln Ala Gln Asn
203          465          470          475
204  Gln Trp Leu Gln Asp Met Thr Thr His Leu Ile Leu Arg Ser Phe Lys
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239 Ala Thr Val His Trp Val Leu Arg Lys Pro Ala Ala Gly Ser His Pro
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